



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
09.09.2009 Bulletin 2009/37

(51) Int Cl.:
F02B 37/00 (2006.01) F02B 39/00 (2006.01)

(43) Date of publication A2:
02.04.2008 Bulletin 2008/14

(21) Application number: **07019082.2**

(22) Date of filing: **27.09.2007**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR MK RS

(30) Priority: **29.09.2006 JP 2006268921**

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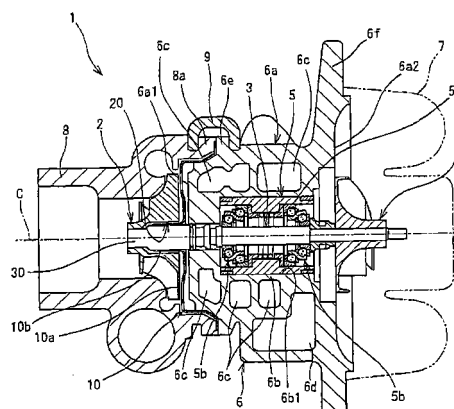
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(54) **Turbocharger**

(57) A turbocharger (1) includes a turbine wheel (2) having a center hole (20) and a turbine shaft (3) having one end secured on a small-diameter inner circumferential surface (21) of the center hole. A large-diameter inner circumferential surface (22) and a large diameter outer circumferential surface (32) are formed to provide a cylindrical clearance (S) opening toward a bearing housing (6) between the center hole (20) and the outer circumferential surface of the turbine shaft (3).

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 07 01 9082

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F02B F01D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		27 July 2009	Louchet, Nicolas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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